CPCs FACTSHEET FEEDBACK ON DATA REPORTING

IOTC Data Technical Reporting Workshop
Jakarta, Indonesia, 26-30 May 2025

PURPOSE

To provide each CPCs with feedback on the data submitted to the Secretariat. This paper illustrates the types of information that will be presented, but analysed as a whole for the Indian Ocean.

LAYOUT - CONTENT

- Key socio-economic indicators
- Catch trends by species and fisheries
- Trend of Fishing vessels operating
- Geo-referenced catch and effort as reported
- Geo-referenced size frequency

SOCIO-ECONOMIC INDICATORS

Indicators	Description
Catch value (value of landing catch (PPP))	Total value of landings in Purchasing Power Parity (PPP) to describe the economic importance of the fishery in absolute terms
Contribution to GDP (IO tuna)	Relative importance of Indian Ocean tuna to CPC economy
	Contribution to GDP (current market prices) = nominal catch x ex-vessel price / GDP
Contribution to employment	Total number of people employed by sector (pre-harvest, harvest and post-harvest) and gender
Total livelihoods dependent upon the IO tuna fisheries	Total number of people employed along fisheries value chains plus the members of their households
Per capita tuna consumption	The per capita supply of tuna available for human consumption.
Micronutrient contribution of tuna to local diets	Average % contribution of tuna to local diets across 6 micronutrients.
Contribution to national export earnings (IO tuna)	Relative importance of Indian Ocean tuna to foreign income
Contribution to government revenues	Tuna fisheries revenues from ports/licence/access fees as a % of state budget
Government expenditure	Tuna fisheries expenses directly incurred by government as a % of state budget

OVERVIEW OF CAPTURE FISHERIES

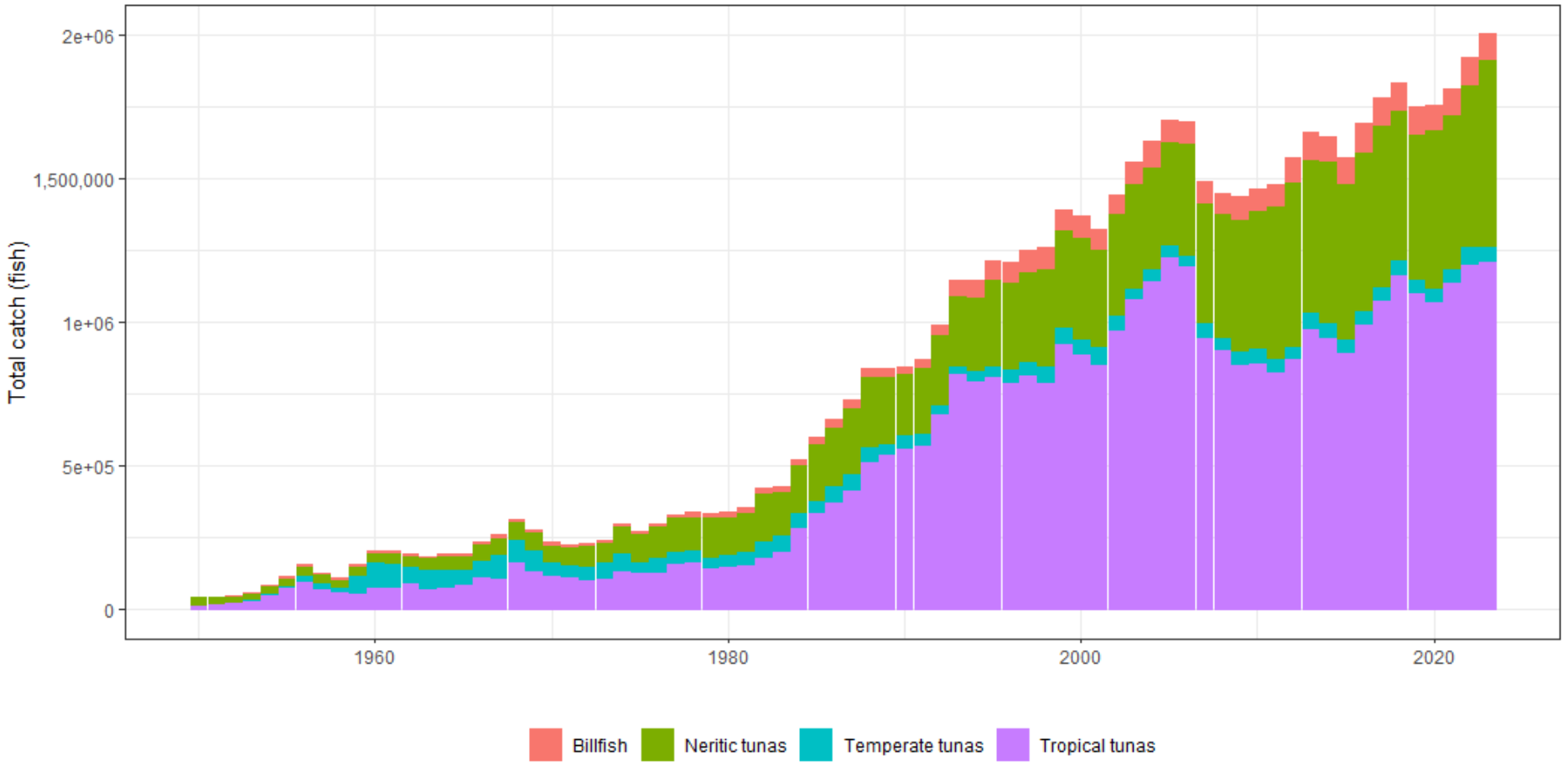


Figure 1: Retained catch by species group

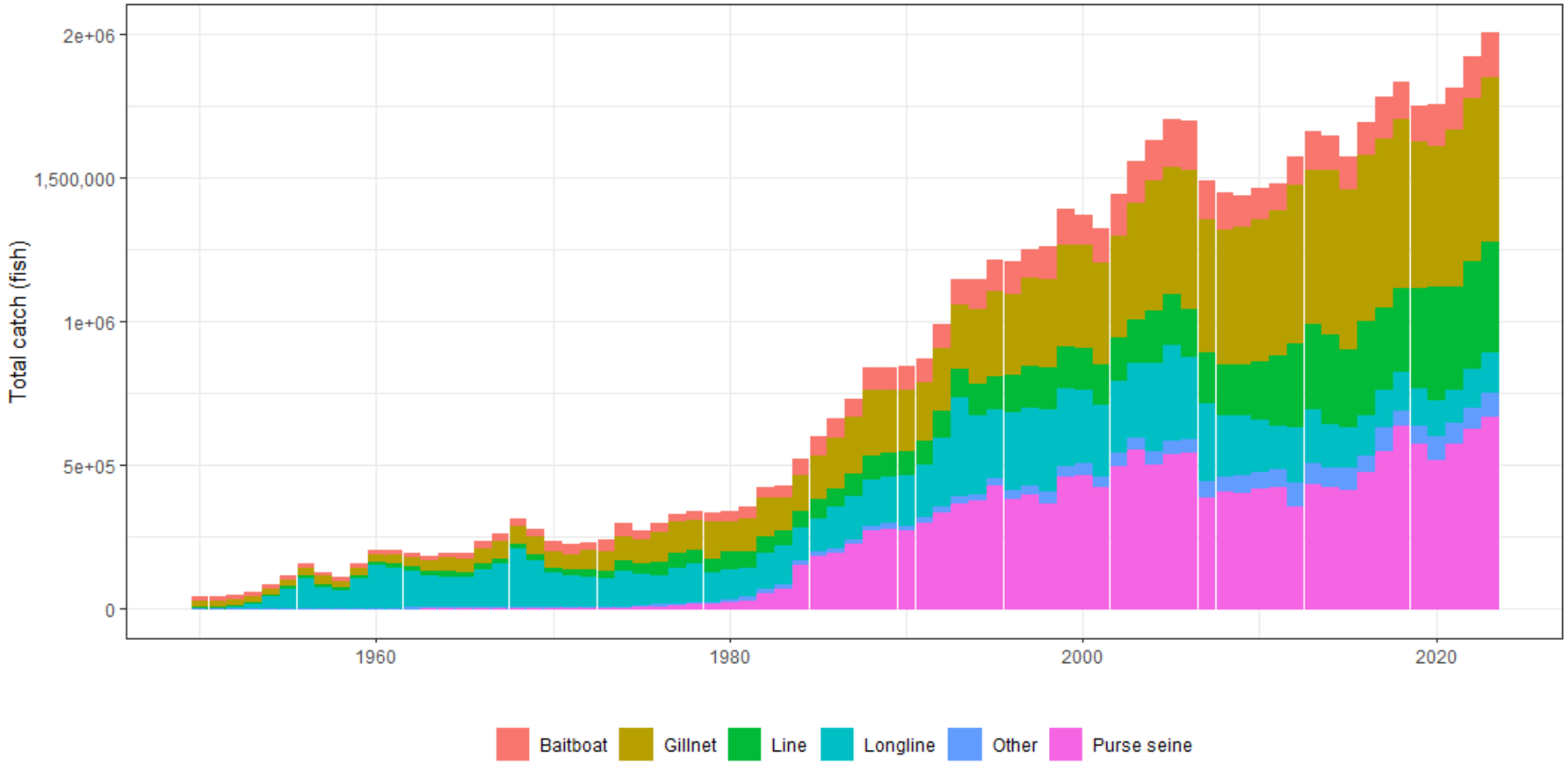


Figure 2: Retained catch by gear group

FISHING VESSEL ACTIVE

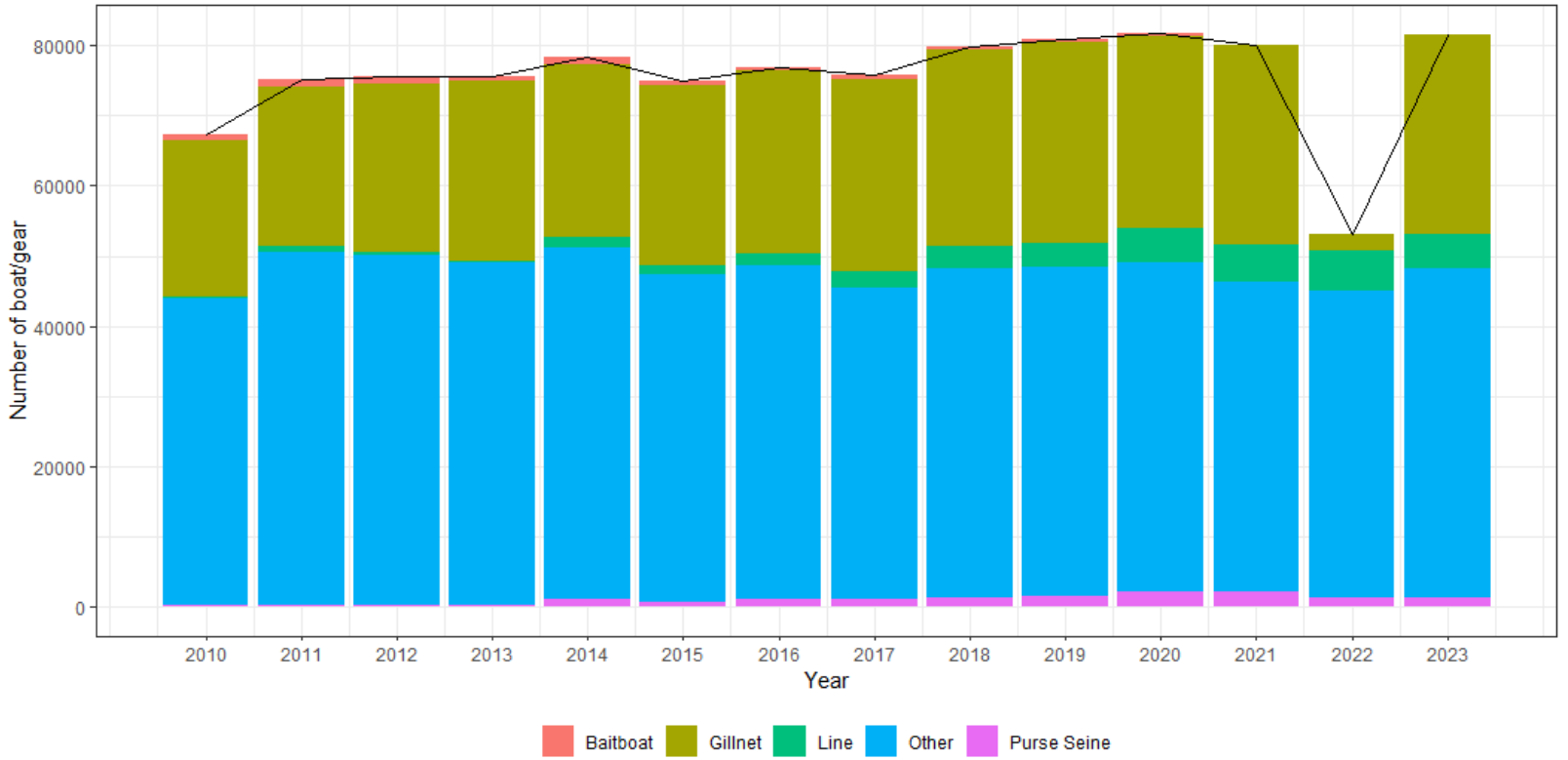


Figure 3: Fishing craft statistics coastal

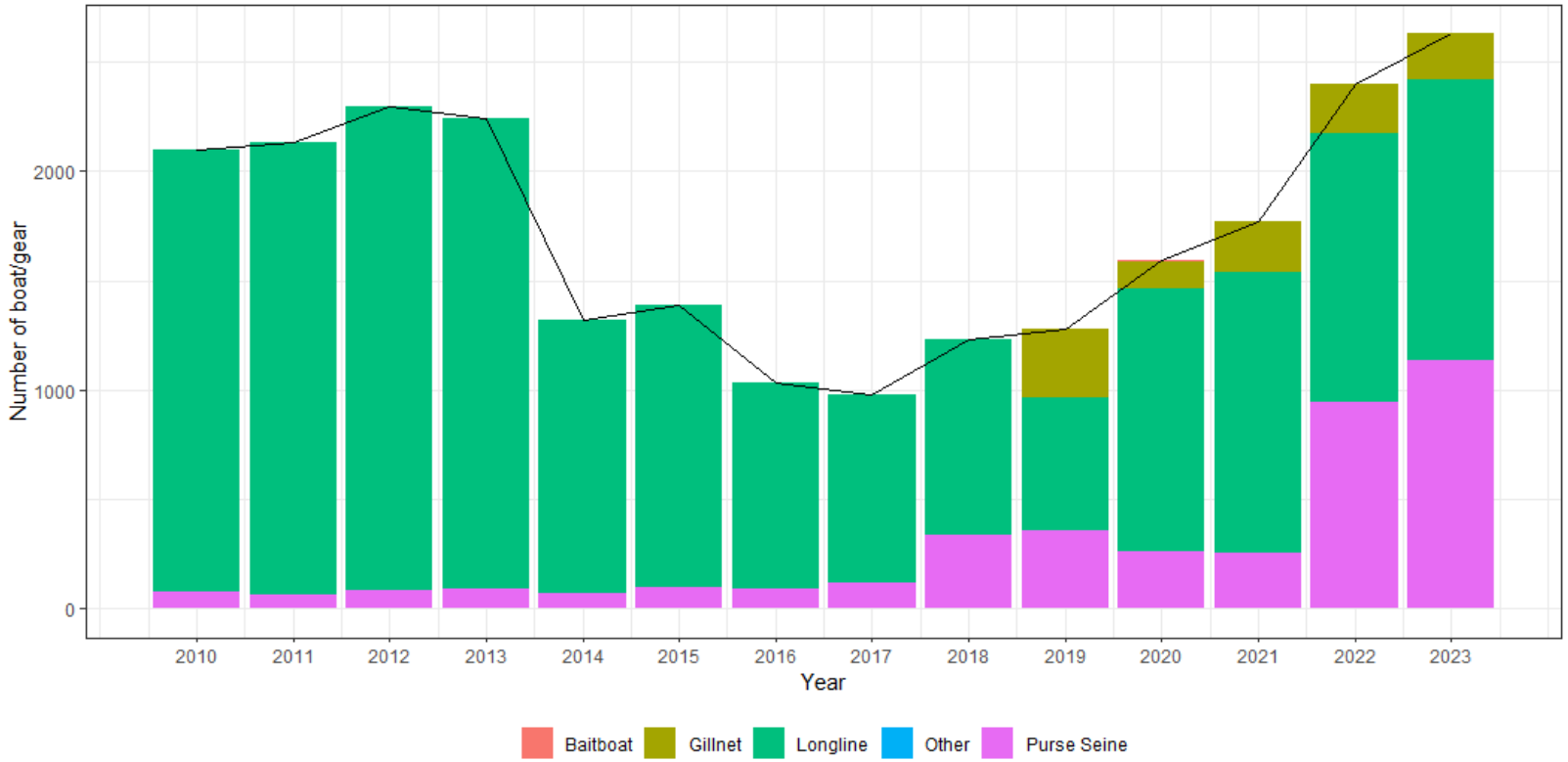
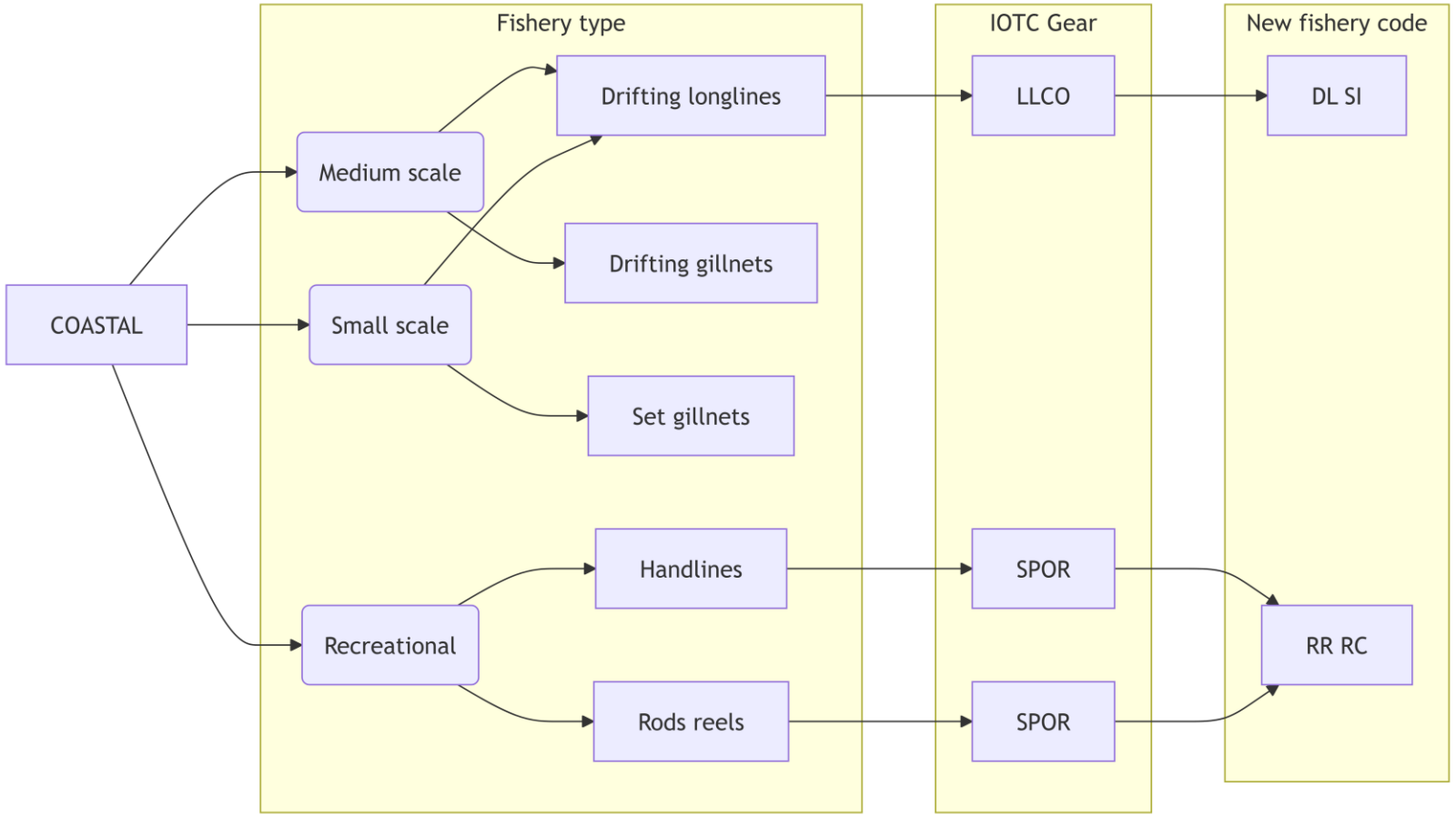
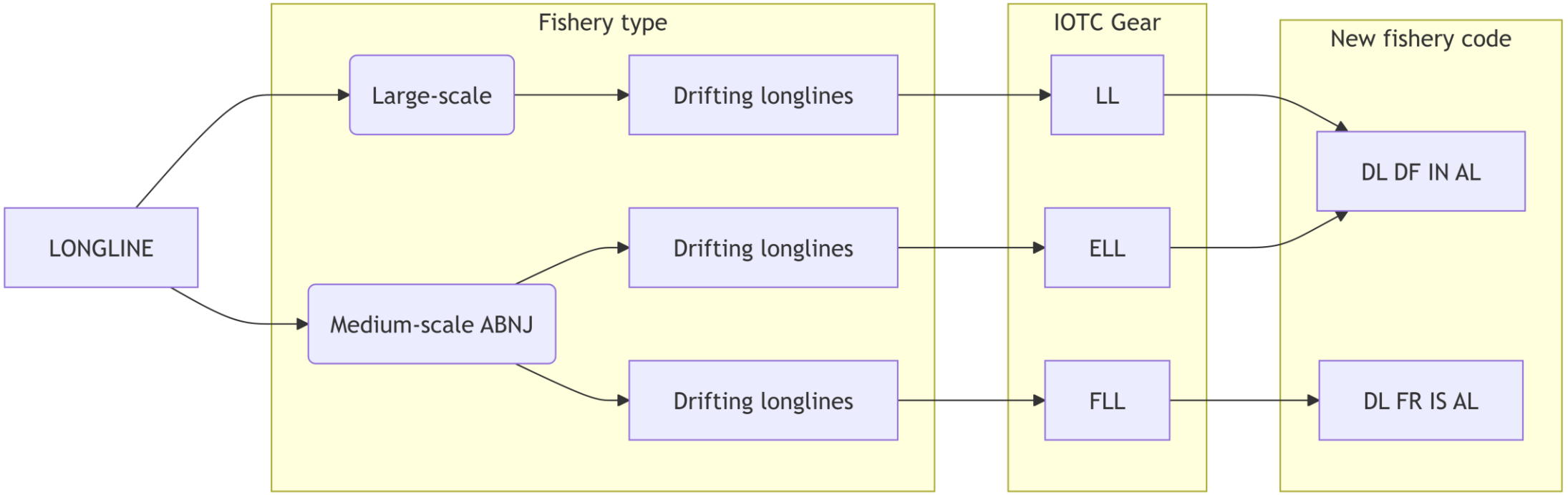


Figure 4: Fishing craft statistics INDUSTRIAL

FISHERY MAPPING




Fishery type
IOTC Gear
New fishery code
LONGLINE
Large-scale
Medium-scale ABNJ
Drifting longlines
Drifting longlines
Drifting longlines
LL
ELL
FLL
DL DF IN AL
DL FR IS AL

GEO-REFERENCED CATCH AND EFFORT DISTRIBUTION

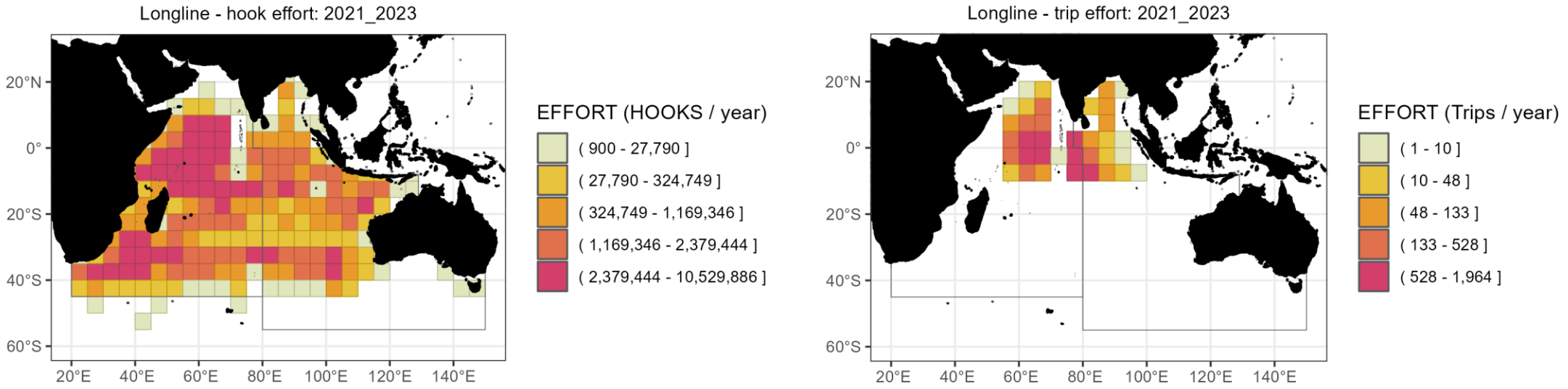


Figure 5: Effort distribution of industrial longline fisheries

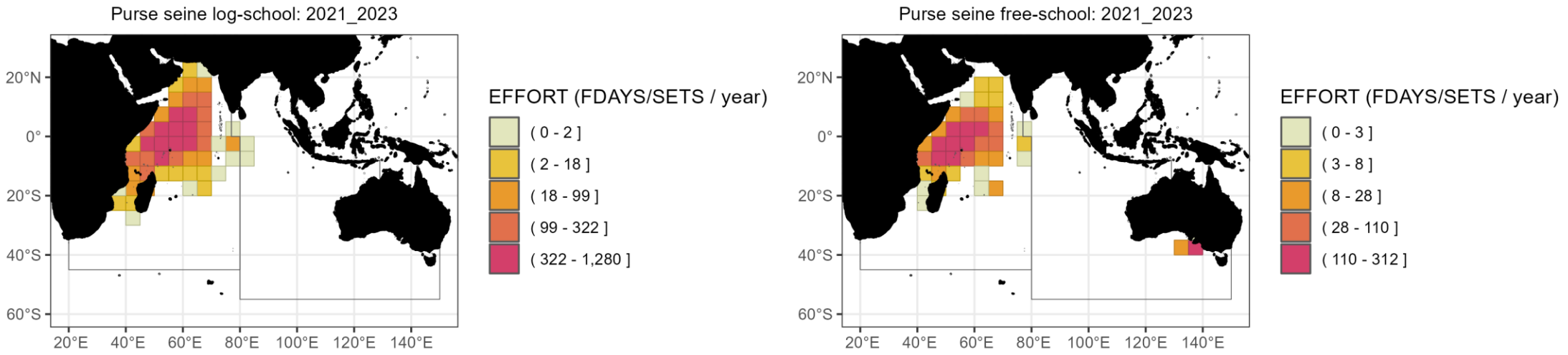


Figure 6: Effort distribution of industrial purse seine fisheries

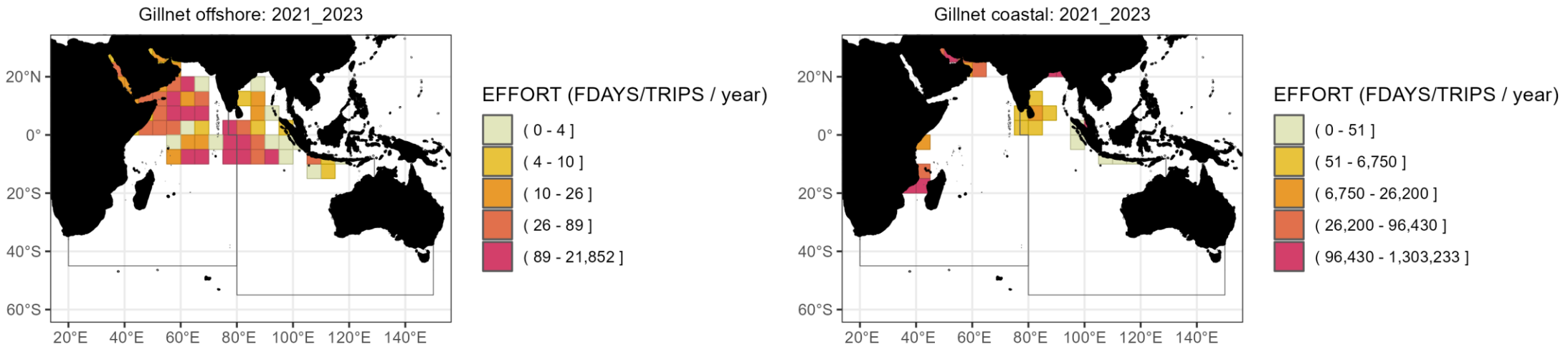


Figure 7: Effort distribution of gillnet fisheries

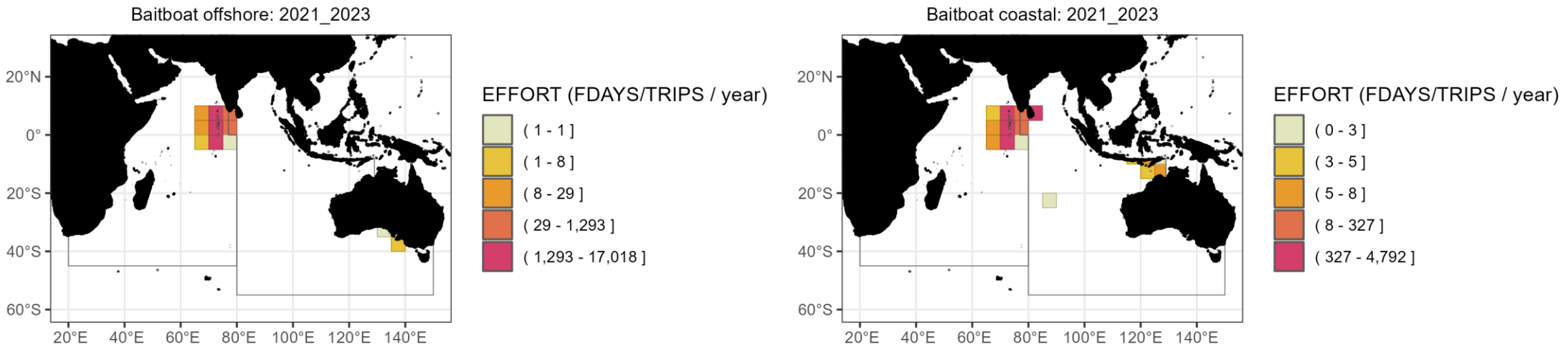
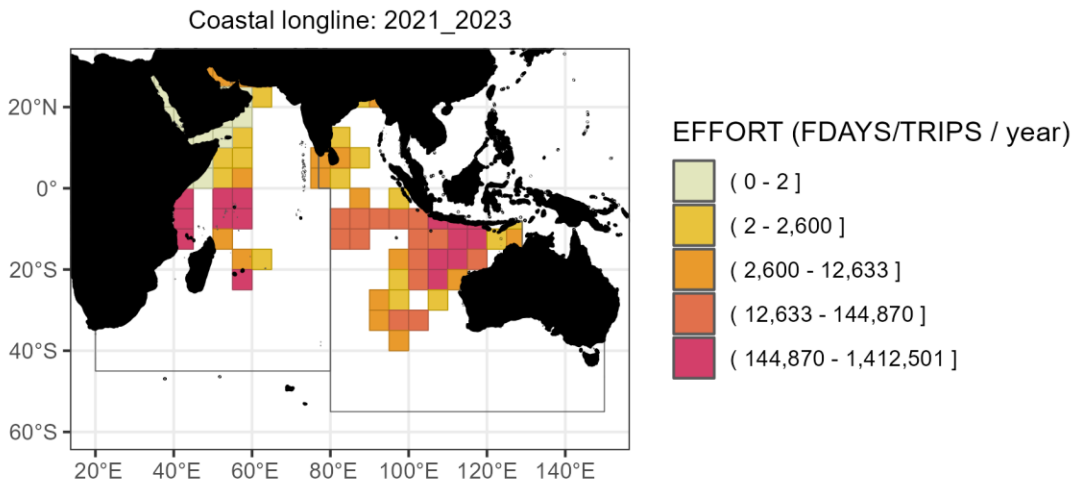
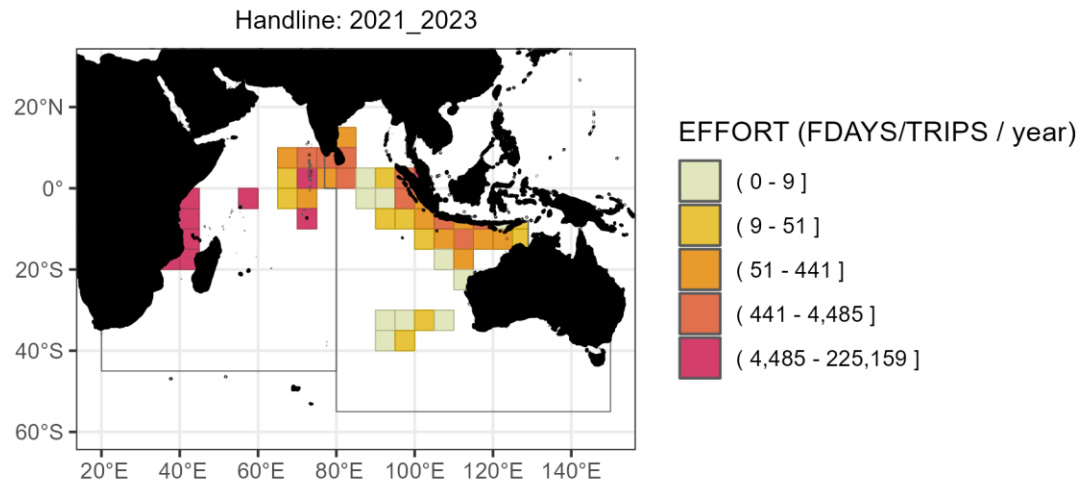


Figure 8: Effort distribution of baitboat fisheries





Effort distribution of line fisheries

GEO-REFERENCED SIZE FREQUENCY

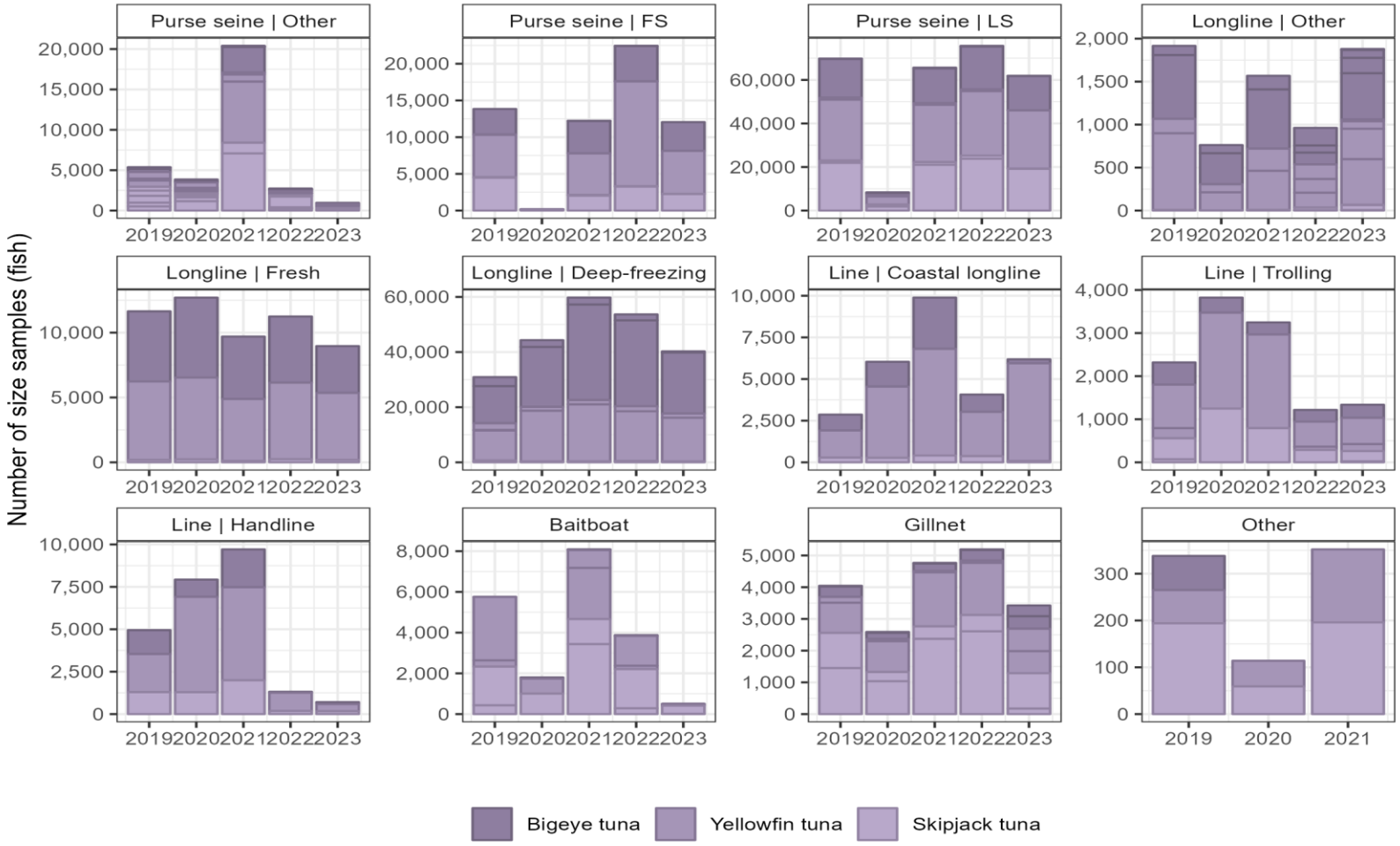


Figure 9: Availability of tropical tuna sample size (2021-2023)

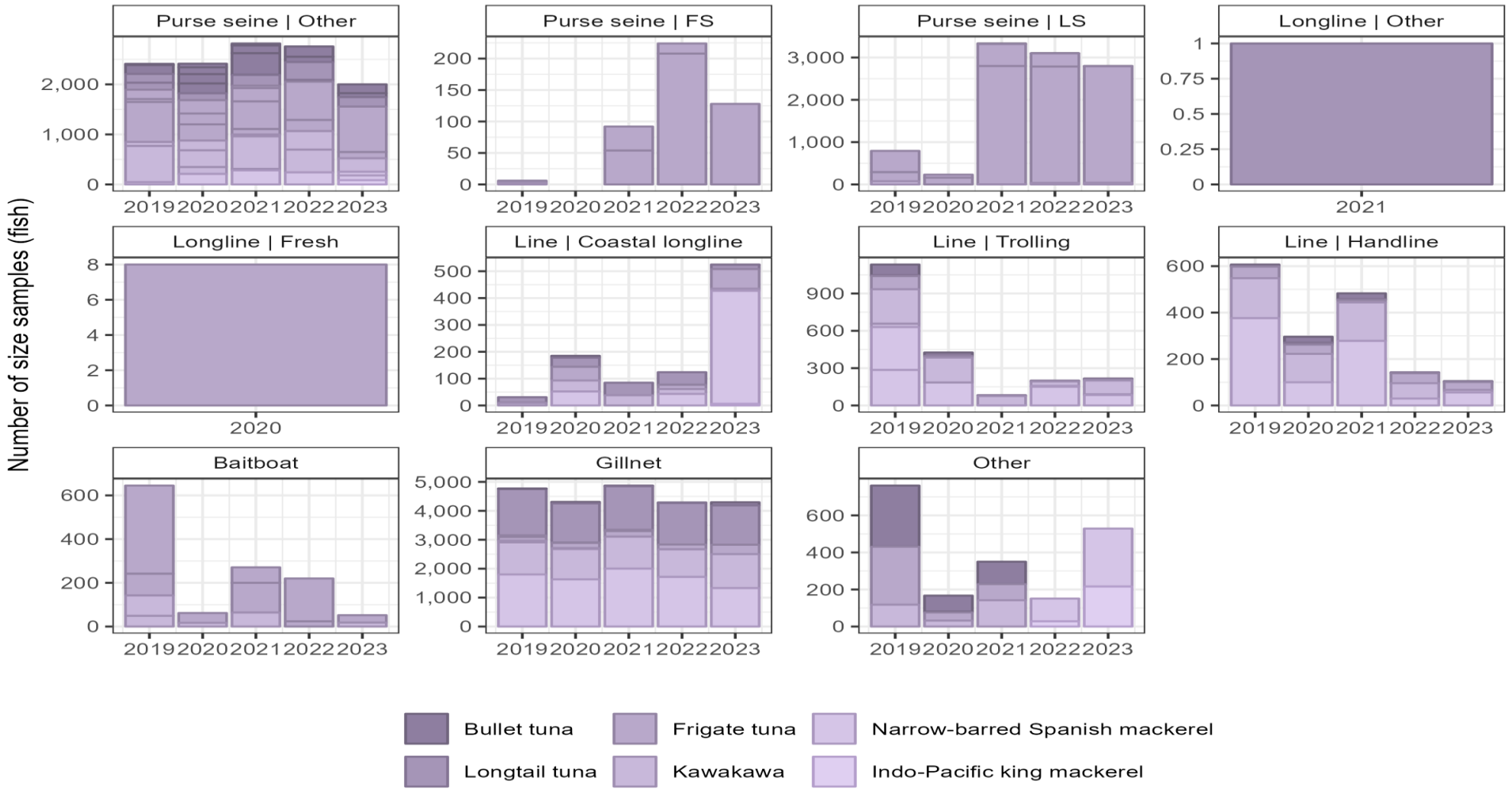


Figure 10: Availability of neritic tuna sample size (2021-2023)

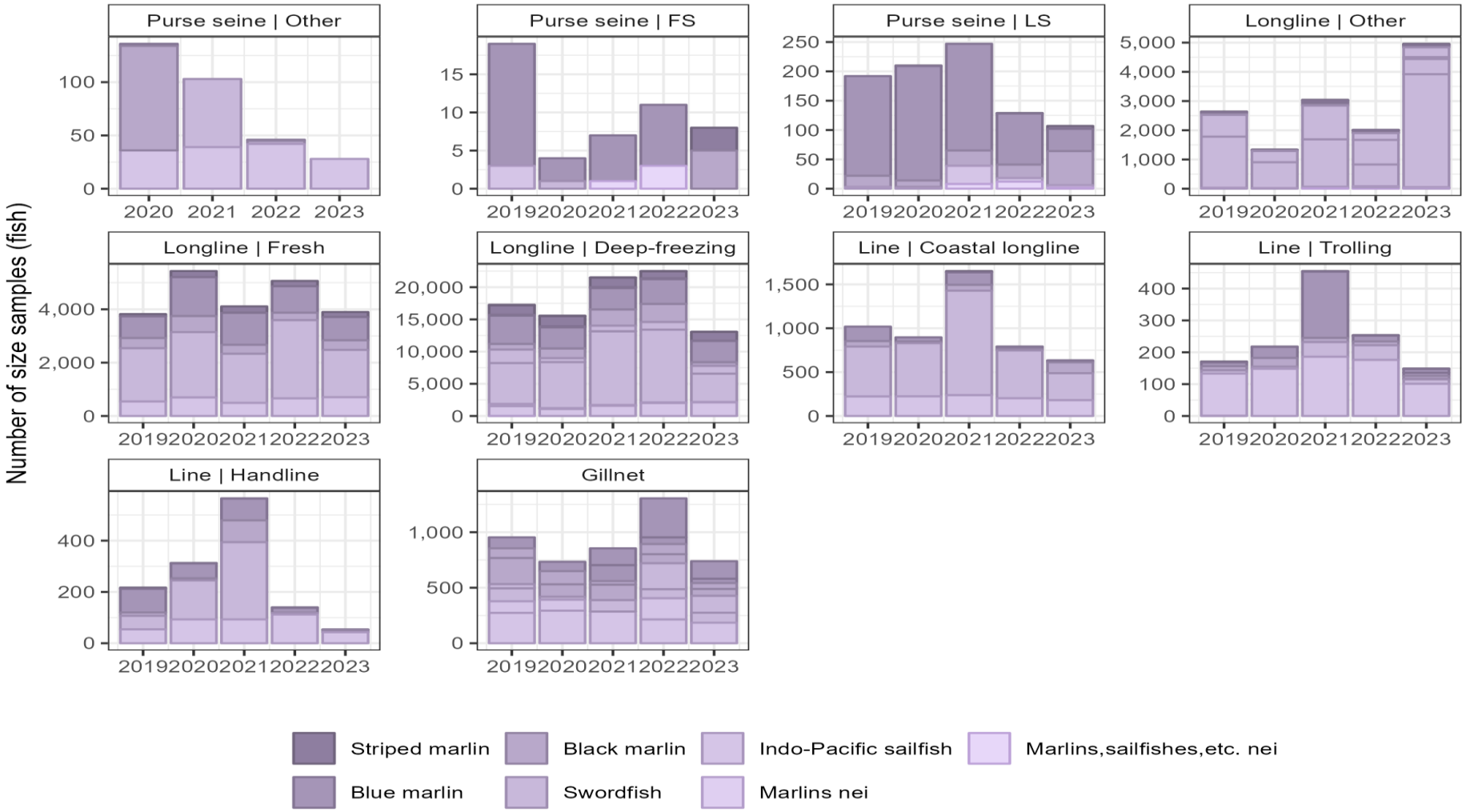


Figure 11: Availability of billfish sample size (2021-2023)

DISTRIBUTION OF SAMPLE SIZE FOR SOME SPECIES:

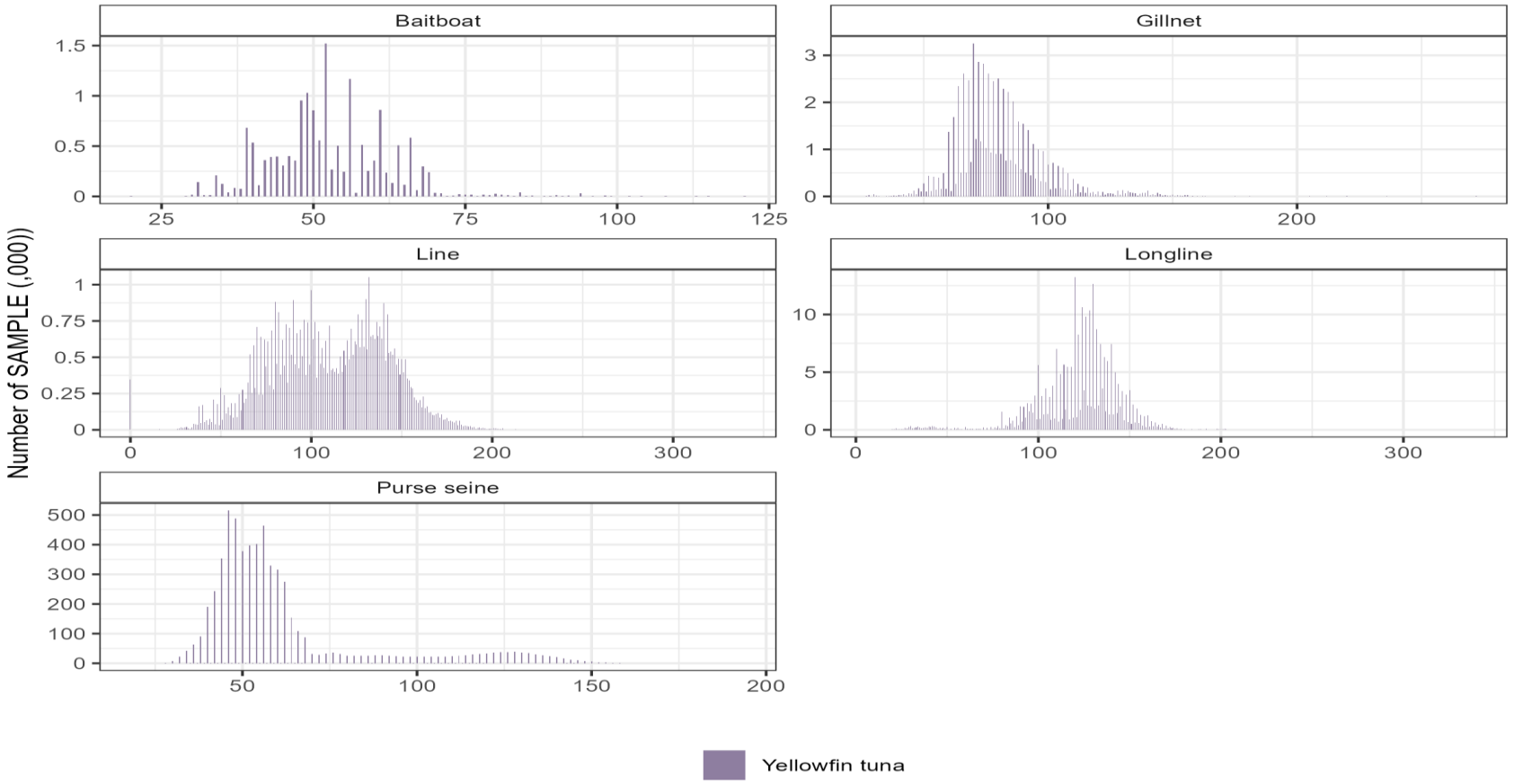


Figure 12: Size distribution of Yellowfin tuna by fishery

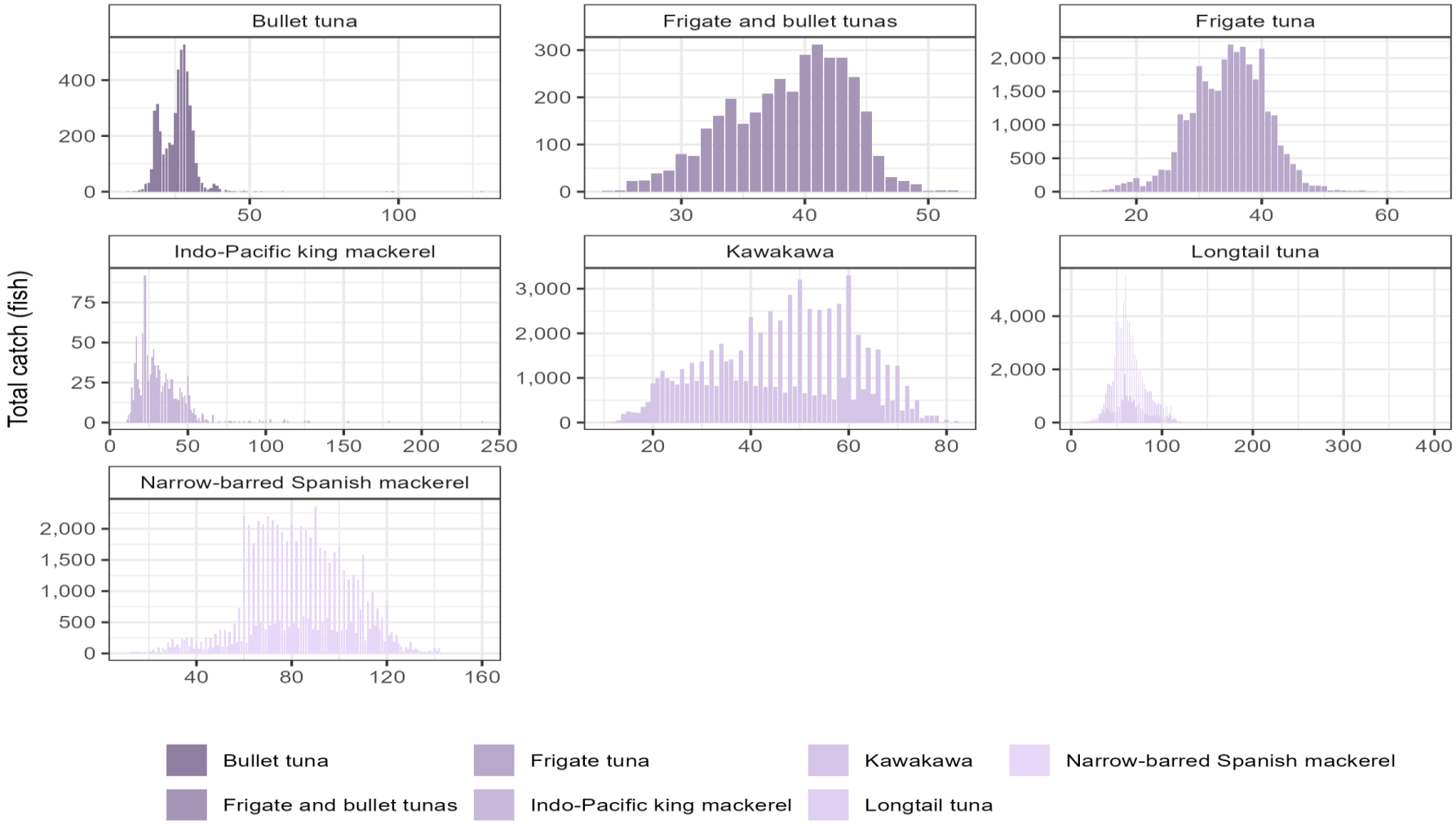


Figure 13: Size distribution of neritic tuna species

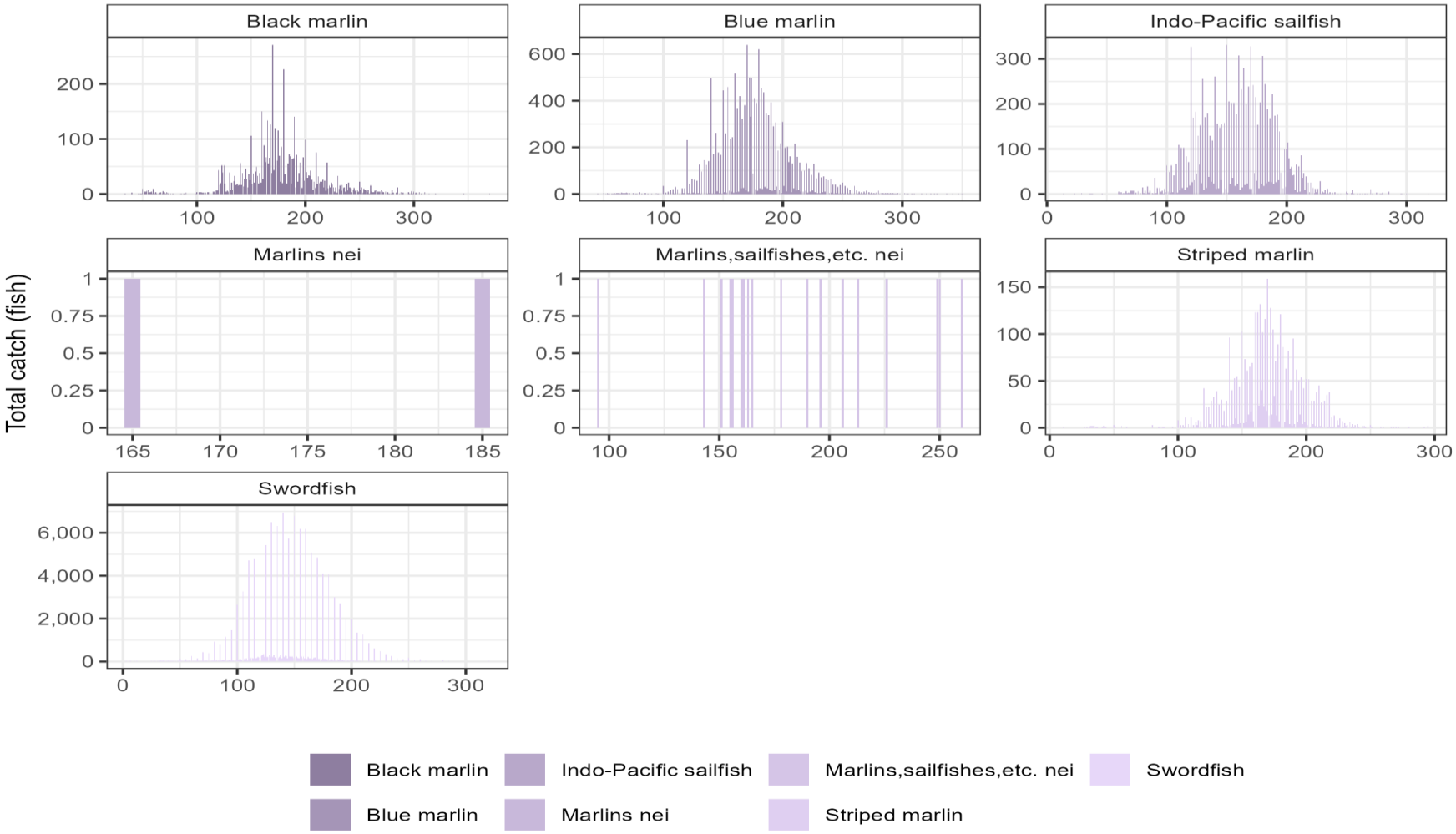


Figure 14: Size distribution of billfish species

ISSUES RELATED TO SUBMISSION

Data reporting issues remain more or less the same over the past years:

- Late reporting
- partial submission
- discrepancies in data
- aggregation
- not submitting all data sets.
- *Some improvement with the use of the new templates*